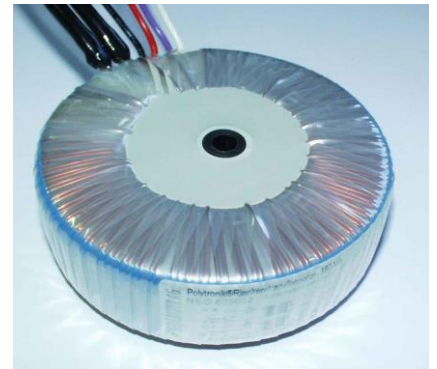
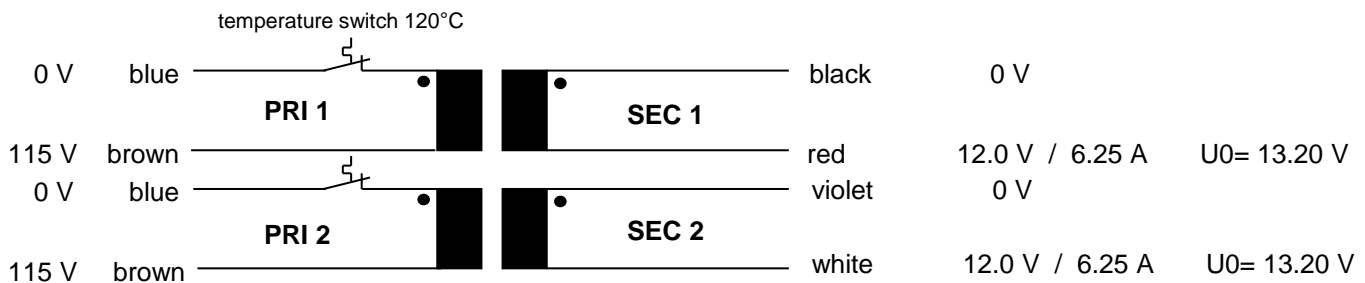


Data sheet Polytronik® Toroidal transformer

| | |
|--|---------------------------------|
| Part no.: | RSO 825032 |
| Description: | RKT150VA/2x115V/2x12.0V2x6.25A |
| Safety isolating transformer according to: | EN 61558-2-6 / VDE 0570 |
| Power [VA]: | 150 |
| Input voltage [AC]: | 2 x 115 V +-10% |
| Output voltage [AC]: | 2 x 12.00 V |
| Output current [AC]: | 2 x 6.25 A |
| Frequency [Hz]: | 50/60 |
| Dielectric strength PRI - SEC [AC]: | 4400 V |
| Efficiency [%]: | 90 |
| Power loss at no-load [W]: | 1.33 |
| Maximum ambient temperature t_a [°C]: | 60 |
| Temperature class: | B (130°C) |
| Temperature switch: | 120°C (automatically resetting) |



Schematic:



possible connection: parallel connection **115V** = connect blue with blue and brown with brown
PRI 1 und PRI 2 series connection **230V** = connect brown with blue

possible connection: parallel connection **12.0V / 12.50A** = connect black with violet and red with white
SEC 1 und SEC 2 series connection **24.0V / 6.25A** = connect red with violet

| | | | |
|---------------------------|--|------------------------------------|----------------|
| Approval marks: | CE; ENEC; UL508 (E182061) | | |
| Connections: | primary and secondary strands 200mm long, ends assembled with ferrules | | |
| Model: | toroidal transformer potted on mounting disc with through-hole 8.1 mm | | |
| Appliance class: | prepared for class II | | |
| Protection class: | IP 00 | | |
| Recommended fuse ratings: | primary | 2.50 AT / 1.25 AT (115V / 230V) | (IEC60127-2-5) |
| | secondary 1 | 6.30 AT | (IEC60127-2-3) |
| | secondary 2 | 6.30 AT | (IEC60127-2-3) |
| Dimensions: | diameter approx. = | 115 mm | |
| | height approx. = | 47 mm | |
| Weight: | approx. 1.85 kg | | |